

## APPENDIX 911

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## APPENDIX 911

### TERMS AND CONDITIONS FOR PROVIDING CONNECTION TO E911 UNIVERSAL EMERGENCY NUMBER SERVICE

#### 1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions by which the applicable SBC Communications Inc. (SBC)-owned Incumbent Local Exchange Carrier (ILEC) will provide CLEC with access to the applicable SBC-owned ILEC's 911 and E911 Databases and provide interconnection and Call Routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.
- 1.2 **SBC Communications Inc. (SBC)** means the holding company which directly or indirectly owns the following ILEC Wisconsin Bell, Inc. d/b/a SBC Wisconsin.
- 1.3 **SBC WISCONSIN** - As used herein, **SBC WISCONSIN** means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

#### 2. DEFINITIONS

- 2.1 **"911 System"** means the set of network, database and customer premise equipment (CPE) components required to provide 911 service.
- 2.2 **"911 Trunk"** means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.
- 2.3 **"Automatic Location Identification" or "ALI"** means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.
- 2.4 **"Automatic Number Identification" or "ANI"** means the telephone number associated with the access line from which a call to 911 originates.
- 2.5 **"Company Identifier" or "Company ID"** means a three to five (3 to 5) character identifier chosen by the Local Exchange Carrier that distinguishes the entity providing dial tone to the End-User. The Company Identifier is maintained by NENA in a nationally accessible database.
- 2.6 **"Database Management System" or "DBMS"** means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.
- 2.7 **"E911 Customer"** means a municipality or other state or local government unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at a minimum, for emergency police and fire services through the use of one telephone number, 911.
- 2.8 **"E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service") or "E911 Service"** means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).
- 2.9 **"Emergency Services"** means police, fire, ambulance, rescue, and medical services.
- 2.10 **"Emergency Service Number" or "ESN"** means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN

facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency(ies).

- 2.11 **“National Emergency Number Association” or “NENA”** means the National Emergency Number Association is a not-for-profit corporation established in 1982 to further the goal of “One Nation-One Number”. NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 911 systems.
- 2.12 **“Public Safety Answering Point” or “PSAP”** means an answering location for 911 calls originating in a given area. The E911 Customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs answer calls; secondary PSAPs receive calls on a transfer basis. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.
- 2.13 **“Selective Routing” and “Selective Router” or “SR”** means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.
- 2.14 **“Service Provider”** means an entity that provides one or more of the following 911 elements; network, database, or CPE.

### 3. **SBC WISCONSIN RESPONSIBILITIES**

- 3.1 **SBC WISCONSIN** shall provide and maintain such equipment at the 911 SR and the DBMS as is necessary to provide CLEC access to the 911 SR and DBMS set forth herein in a particular Rate Center in which CLEC is authorized to provide local telephone exchange service and when **SBC WISCONSIN** provides the 911 System component. In such situations, **SBC WISCONSIN** shall provide CLEC access to the **SBC Wisconsin** 911 System as described in this section in.
- 3.2 Call Routing
  - 3.2.1 **SBC WISCONSIN** will route 911 calls from the **SBC WISCONSIN** SR to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.
  - 3.2.2 **SBC WISCONSIN** will forward the calling party number (ANI) it receives from CLEC and the associated 911 Address Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, **SBC WISCONSIN** will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ALI record is found in the E911 DBMS, **SBC WISCONSIN** will report this “No Record Found” condition to the CLEC in accordance with NENA standards.
- 3.3 Facilities and Trunking
  - 3.3.1 **SBC WISCONSIN** shall provide and maintain sufficient dedicated E911 trunks from **SBC WISCONSIN**’s SR to the PSAP of the E911 Customer, according to provisions of the appropriate state Commission-approved tariff and documented specifications of the E911 Customer.
  - 3.3.2 **SBC WISCONSIN** will provide facilities to interconnect the CLEC to the **SBC WISCONSIN** SR, as specified in the applicable **SBC WISCONSIN** Access tariff. Additionally, when diverse facilities are requested by CLEC, **SBC WISCONSIN** will provide such diversity where technically feasible, at standard **SBC WISCONSIN** Access Tariff rates.
  - 3.3.3 **SBC WISCONSIN** and CLEC will cooperate to promptly test all trunks and facilities between CLEC’s network and the **SBC WISCONSIN** SR(s).
- 3.4 Database
  - 3.4.1 Where **SBC WISCONSIN** manages the 911 and E911 Databases, **SBC WISCONSIN** shall provide CLEC access to the 911 and E911 Databases to store CLEC’s End User 911 Records [that is, the

name, address, and associated telephone number(s) for each of CLEC's End Users served by CLEC's exchange(s)] in the electronic data processing database for the E911 DBMS. CLEC or its representative(s) is responsible for electronically providing End User 911 Records and updating this information.

- 3.4.2 Where SBC WISCONSIN manages the 911 and E911 Databases, SBC WISCONSIN shall coordinate access to the SBC WISCONSIN DBMS for the initial loading and updating of CLEC End User 911 Records.
- 3.4.3 Where SBC WISCONSIN manages the E911 Database, SBC WISCONSIN's ALI database shall accept electronically transmitted files that are based upon NENA standards. Manual entry shall be allowed only in the event that the DBMS is not functioning properly.

#### 4. CLEC RESPONSIBILITIES

##### 4.1 Call Routing

- 4.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the SBC WISCONSIN SR office of the 911 System, where SBC WISCONSIN is the 911 System Service Provider.
- 4.1.2 CLEC will forward the ANI information of the party calling 911 to the SBC WISCONSIN 911 Selective Router.

##### 4.2 Facilities and Trunking

- 4.2.1 CLEC shall provide interconnection with each SBC WISCONSIN 911 Selective Router that serves the exchange areas in which CLEC is authorized to and will provide telephone exchange service.
- 4.2.2 CLEC acknowledges that its End Users in a single local calling scope may be served by different SRs and CLEC shall be responsible for providing interconnection facilities to route 911 calls from its End Users to the proper E911 SR.
- 4.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls from the point of interconnection (POI) to interconnect to each SBC WISCONSIN 911 Selective Router, where applicable. Where SS7 connectivity is available and required by the applicable E911 Customer, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.
  - 4.2.3.1 In SBC WISCONSIN only, CLEC is responsible for providing a separate 911 trunk group for each county or other geographic area that CLEC serves if the 911 Customer for such county or geographic area has a specified varying default routing condition. In addition, 911 traffic originating in one (1) NPA (area code) must be transmitted over a separate 911 trunk group from 911 traffic originating in any other NPA (area code) 911.
- 4.2.4 CLEC shall maintain facility transport capacity sufficient to route 911 traffic over trunks dedicated for 911 interconnection between the CLEC switch and the SBC WISCONSIN SR.
- 4.2.5 CLEC shall provide sufficient trunking to interconnect with the designated SBC WISCONSIN 911 SR to route CLEC's originating 911 calls to the designated SBC WISCONSIN 911 SR. CLEC is responsible for requesting that trunking and facilities be routed diversely for 911 interconnection
- 4.2.6 CLEC is responsible for determining the proper quantity of trunks and transport facilities from its switch(es) to interconnect with the SBC WISCONSIN 911 SR.
- 4.2.7 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or, if higher, at such other minimum grade of service as required by Applicable Law or duly authorized Governmental Authority.
- 4.2.8 CLEC shall monitor its 911 trunks for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional 911 trunks are needed to meet the current level of 911 call volumes, CLEC shall provision additional 911 trunks for interconnection with SBC WISCONSIN.

- 4.2.9 CLEC will cooperate with SBC WISCONSIN to promptly test all 911 interconnection trunks and facilities between CLEC's network and the SBC WISCONSIN 911 Selective Router(s) to assure proper functioning. CLEC agrees that it will not pass live traffic until successful testing is completed by both Parties.
- 4.2.10 CLEC is responsible for the isolation, coordination and restoration of all 911 facility and trunking maintenance problems from CLEC's demarcation (for example, collocation) to the SBC WISCONSIN 911 SR(s). CLEC is responsible for advising SBC WISCONSIN of the 911 trunk identification and the fact that the trunks are dedicated for 911 traffic when notifying SBC WISCONSIN of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. SBC WISCONSIN will refer network trouble to CLEC if no defect is found in SBC WISCONSIN's 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.
- 4.3 Database
- 4.3.1 Once the 911 interconnection between CLEC and all appropriate SBC WISCONSIN SR(s) has been established and tested, CLEC or its representatives shall be responsible for providing CLEC's End User 911 Records to SBC WISCONSIN for inclusion in SBC WISCONSIN's DBMS on a timely basis.
- 4.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's End User 911 Records that are MSAG-valid in electronic format based upon established NENA standards.
- 4.3.3 CLEC shall adopt use of a Company ID on all CLEC End User 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.
- 4.3.4 CLEC is responsible for providing SBC WISCONSIN updates to the ALI database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the SBC WISCONSIN 911 DBMS.

## 5. RESPONSIBILITIES OF BOTH PARTIES

- 5.1 Jointly coordinate the provisioning of transport capacity sufficient to route originating E911 calls from the CLEC's POI to the designated SBC WISCONSIN 911 Selective Router(s).

## 6. METHODS AND PRACTICES

- 6.1 With respect to all matters covered by this Appendix, each Party will comply with all of the following to the extent that they apply to access to 911 and E911 Databases: (i) all FCC and applicable state Commission rules and regulations, (ii) any requirements imposed by any Governmental Authority other than a Commission, (iii) the terms and conditions of SBC WISCONSIN's Commission-ordered tariff(s) and (iv) the principles expressed in the recommended standards published by NENA.

## 7. CONTINGENCY

- 7.1 The terms and conditions of this Appendix represent a negotiated plan for providing access to 911 and E911 Databases, and provide interconnection and call routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.
- 7.2 The Parties agree that the 911 System is provided herein is for the use of the E911 Customer, and recognize the authority of the E911 Customer to establish service specifications and grant final approval (or denial) of service configurations offered by SBC WISCONSIN and CLEC. These specifications shall be documented in Exhibit I, CLEC Serving Area Description and E911 Interconnection Details. CLEC shall complete its portion of Exhibit I and submit it to SBC WISCONSIN not later than forty-five (45) days prior to the passing of live traffic. SBC WISCONSIN shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than thirty (30) days prior to the passing of live traffic.

- 7.3 CLEC must obtain documentation of approval of the completed Exhibit I from the appropriate E911 Customer(s) that have jurisdiction in the area(s) in which CLEC's End Users are located. CLEC shall provide documentation of all requisite approval(s) to SBC WISCONSIN prior to use of CLEC's E911 connection for actual emergency calls.
- 7.4 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Appendix when necessary to accommodate expansion of the geographic area of CLEC into the jurisdiction of additional PSAP(s) or to increase the number of CAMA trunks. CLEC must obtain approval of each additional Exhibit I, as set forth in Section 7.2, and shall furnish documentation of all requisite approval(s) of each additional Exhibit I in accordance with Section 7.2.
- 7.5 In SBC WISCONSIN, the state specific forms shall be submitted in lieu of the Exhibit 1 referenced in Sections 7.1, 7.2 and 7.4 hereof.

## 8. BASIS OF COMPENSATION

- 8.1 Rates for access to 911 and E911 Databases, interconnection and call routing of E911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act are set forth in SBC WISCONSIN's Appendix Pricing or applicable SBC WISCONSIN Commission-approved access tariff.

## 9. LIABILITY

- 9.1 SBC WISCONSIN's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. SBC WISCONSIN shall not be liable to CLEC, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the 911 System or any errors, interruptions, defects, failures or malfunctions of the 911 System, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after SBC WISCONSIN has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.
- 9.2 CLEC's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct is not limited by any provision of this Appendix. In the event CLEC provides E911 Service to SBC WISCONSIN, CLEC shall not be liable to SBC WISCONSIN, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after CLEC has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from SBC WISCONSIN until service is restored.
- 9.3 CLEC agrees to release, indemnify, defend and hold harmless SBC WISCONSIN from any and all Loss arising out of SBC WISCONSIN providing CLEC access to the 911 System hereunder or out of CLEC's End Users' use of the 911 System, whether suffered, made, instituted or asserted by CLEC, its End Users, or by any other parties or persons, for any personal injury or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by CLEC, its End Users or others, unless the act or omission proximately causing the Loss constitutes gross negligence, recklessness or intentional misconduct of SBC WISCONSIN.
- 9.4 CLEC also agrees to release, indemnify, defend and hold harmless SBC WISCONSIN from any and all Loss involving an allegation of the infringement or invasion of the right of privacy or confidentiality of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion or use of the 911 System features and the equipment associated therewith, including by not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing the 911 System provided hereunder, unless the act or omission proximately causing the Loss constitutes the gross negligence, recklessness or intentional misconduct of SBC WISCONSIN.